

What is claimed is:

1. A network connection apparatus comprising:
a first interface unit including at least one physical
layer for connecting to an external network,
5 a second interface unit including plural physical
layers for connecting to an internal network, and
a controller for controlling said first interface unit
and said second interface unit,
wherein said controller transmits and receives
10 information between said first interface unit and second
interface unit, and between said second interface units.
2. The network connection apparatus of claim 1,
wherein at least one of said second interfaces unit is a
15 detachable module.
3. The network connection apparatus of claim 2,
wherein said module is detachable through a slot
conforming to a PC card standard.
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4. The network connection apparatus of claim 1 or 2,
wherein the information to be transmitted and received
between said first interface unit and said second interface
unit, and between said second interface units includes
25 isochronous data.

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5. The network connection apparatus of claim 1 or 2, wherein said second interface unit has a transmission speed of 10 Mbps or more.

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6. The network connection apparatus of claim 1 or 2, wherein said controller exclusively controls said second interface unit.

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7. The network connection apparatus of claim 1 or 2, wherein said second interface unit has transmission speed lessening means for lessening the transmission speed difference.

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8. The network connection apparatus of claim 1 or 2, wherein said first interface unit incorporates a cable modem.

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9. The network connection apparatus of claim 1 or 2, wherein said first interface unit uses a telephone line and incorporates a modem.

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10. The network connection apparatus of claim 1 or 2, wherein one of said second interface units is a wireless interface unit separated from the main body.

11. The network connection apparatus of claim 10, wherein said wireless interface unit may be provided with an antenna.

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12. A network connection apparatus comprising:

a first interface unit including at least one physical layer for connecting to an external network,

a second interface unit including plural physical layers for connecting to an internal network,

an acquired information saver for saving information acquired from the external network, and

a controller for controlling said first interface unit and said second interface unit,

wherein said controller transmits and receives information between said first interface unit and said second interface unit, and between said second interface units, and acquires desired information by accessing the external network through said first interface unit, and saves the information in said acquired information saver.

13. The network connection apparatus of claim 12, further comprising a connection request information saver for saving the connection request information from a client connected to said second interface unit,

wherein said controller acquires the information to be saved in said acquired information saver by accessing the external network through said first interface unit on the basis of the information stored in said connection request
5 information saver.

14. The network connection apparatus of claim 12 or 13, further comprising display means,

wherein said display means indicates storage of the
10 information in said acquired information saver.

15. The network connection apparatus of claim 12 or 13, wherein the information stored in said acquired information saver is isochronous data.
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16. The network connection apparatus of claim 12 or 13, wherein said acquired information saver is a detachable module.

20 17. The network connection apparatus of claim 1, further comprising access information applying means for providing a client connected to said second interface unit with information about access,

wherein said controller further provides said client
25 with the information about access by said access

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information applying means when it is recognized that the client is connected to said second interface unit.

18. The network connection apparatus of claim 17,
5 wherein the information about access is at least IP address.

19. The network connection apparatus of claim 18,
wherein the number of IP addresses is variable, and the
number of connected clients is controlled.

20. The network connection apparatus of claim 1,
further comprising access information acquiring means for
acquiring information about access from an Internet service
provider connected through said first interface unit,

15 wherein said controller further acquires the
information about access from said access information
acquiring means when it is recognized that said first
interface unit is connected to the Internet service provider.

20 21. The network connection apparatus of claim 20,
wherein said access information acquiring means acquires
the information about access from said Internet service
provider, relating to media access control (MAC) address of
the client connected to said second interface unit.

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22. The network connection apparatus of claim 20 or 21, wherein the information about access is at least IP address.

5 23. The network connection apparatus of claim 1, further comprising access information acquiring means for acquiring information about first access from an Internet service provider connected through said first interface unit, and access information applying means for providing a
10 client connected to said second interface unit with information about second access,

wherein said controller further acquires the information about first access from said access information acquiring means when it is recognized that said first
15 interface unit is connected to the Internet service provider, and provides said client with the information about second access by said access information applying means when it is recognized that the client is connected to said second interface unit.

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24. The network connection apparatus of claim 23, wherein said access information acquiring means acquires the information about access from said Internet service provider, relating to media access control (MAC) address of
25 the client connected to said second interface unit.

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25. The network connection apparatus of claim 23 or
24, wherein the information about first access is a first IP
address, and the information about second access is a second
5 IP address.

26. The network connection apparatus of claim 25,
wherein the number of second IP addresses is variable, and
the number of connected clients is controlled.
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27. The network connection apparatus of claim 25,
further comprising IP address varying means for translating
said first IP address and second IP address.

28. The network connection apparatus of claim 26,
further comprising IP address varying means for
translating said first IP address and second IP address.
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